

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-05-06 15:28:04  
 Date of Next Testing: 2027-05-05 15:28:04  
 Product Name: **4-(4-Nitrobenzyl)pyridine**  
 CAS Number: 1083-48-3  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: I1508076  
 SKU #: **N106588**  
 Version: **0**  
 Analysis #: **218504**  
 Storage Temperature: Room temperature, Argon charged

| Parameter                                                   | Limit Values                                            | Result                                                  |
|-------------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|
| Purity(Titration by HClO <sub>4</sub> )                     | 97.5-102.5 (%)                                          | 98.20000 %                                              |
| Melting point                                               | 69-72 (°C)                                              | 71.20000 °C                                             |
| Purity(GC)                                                  | 98-100 (%)                                              | 98.96000 %                                              |
| Appearance (N106588)                                        | Faint Yellow to Dark Yellow<br>Powder, Crystals, Chunks | Faint Yellow to Dark Yellow<br>Powder, Crystals, Chunks |
| Infrared spectrum                                           | Conforms to Structure                                   | Conforms to Structure                                   |
| Proton NMR spectrum                                         | Conforms to Structure                                   | Conforms to Structure                                   |
| Solubility in CHCl <sub>3</sub> , Colorless to Yellow, pass |                                                         | Pass                                                    |
| Clear, 50 mg/mL                                             |                                                         |                                                         |



John Su  
QA & QC Manager